Monitoring Data Record

	Western Urban Loop) COE Action ID: 200321137
Stream Name: Long Branch (Site 2BA)	
	nation: Greensboro Western Loop, Guilford Co.
(Remediation Plans Sta. 10+00 to 29+80	
Date Construction Completed: 2-29-0	8 Monitoring Year: (1) of 5
Ecoregion:	8 digit HUC unit 03030002
USGS Quad Name and Coordinates:	
Rosgen Classification: Pr	roposed reach is a E5 stream type
Length of Project: 1,986' Urban or	
Monitoring DATA collected by: M. Gre	een & J. Young Date: _7/15/08
Applicant Information:	•
Name: NCDOT Roadside Envir	onmental Unit
Address: 1425 Rock Quarry Roa	ad Raleigh, NC 27610
Telephone Number: (919) 861-3	Email address: mlgreen@dot.state.nc.us
Consultant Information:	•
Name:	
Address:	
Telephone Number:	Email address:
Project Status: Complete	2
Monitoring Level required by COE a	nd DWO (404 permit/ 401 Cert.): Level (1 2 3
Monitoring Level 1 requires completic	on of Section 1, Section 2 and Section 3
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If required to complete Level 3 monitoring <u>only</u> stop here; otherwise, complete section 2.

Attach plan sheet indicating reference photos. Identify specific problem areas (missing, stressed, damaged or dead plantings): Estimated causes, and proposed/required remedial action: ADDITIONAL COMMENTS: Long Branch streambank reforestation was completed on 2-29-08. The planting consisted of black willow and silky dogwood live stakes and green ash, river birch, tulip poplar, and willow oak bareroot seedlings. Other vegetation noted: Juncus sp., cattails, fennel, lespedeza, mimosa, ragweed, pokeberry, goldenrod, sycamore, kudzu, Sesbania sp., and various grasses.

Section 2. PLANT SURVIVAL

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

The Long Branch stream relocation is stable for year 1 summer evaluation. Some minor bank scouring noted last monitoring evaluation still exist along the right bank @ Sta. 17+50 and along the left bank @ Sta.20+00 with no change. NCDOT will continue to monitor this stream relocation.

7/15/08 Sta. 17+50 Sta. 20+00 Station Station Station Number Number Number Structure Type Is water piping through or around structure? Head cut or down cut present? Bank or scour Minor bank Minor bank scouring on erosion scouring on present? right bank left bank



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Photo Point #3 (Upstream)



Photo Point #3 (Downstream)



Photo Point #4 (Upstream)



Photo Point #4 (Downstream)



Photo Point #5 (Upstream)



Photo Point #5 (Downstream)



Photo Point #6 (Upstream)



Photo Point #6 (Downstream)

Year 1 Summer – July 2008



Photo Point #7 (Upstream)



Photo Point #7 (Downstream)



Photo Point #8 (Upstream)



Photo Point #8 (Downstream)



Photo Point #9 (Upstream)



Photo Point #9 (Downstream)



Photo Point #10 (Upstream)



Photo Point #10 (Downstream)



